LAMBDABOARD®
THE BETTER THERMAL INSULATION

01 Pro
Professional's Choice

02 Ho
Home Owner's Choice

LAMBDABOARD®

CAVITY WALL INSULATION

When it comes to selecting the best overall insulation product for cavity walls, LAMBDABOARD® is the product of choice. No other foam insulation has the perfect combination of features so important for long-term performance.

AIMING FOR carbon ZERO

A cavity wall consists of two wythes of masonry, separated by a cavity of varying dimensions. The wythes are generally tied together with corrosion resistant wall ties and are separated by an air-space and a layer of insulation board on the exterior of the inner wythe. The wythes may consist of solid brick, hollow brick, structural clay tile, solid concrete or hollow concrete units (blocks).

CAVITY WALL INSULATION

R-VALUE PERFORMANCE

LAMBDABOARD® has the highest R-Value per mm, therefore the design U-Value of the cavity wall system can be achieved with a minimum thickness of insulation. This in turn allows the overall carbon footprint of the building to be reduced.

MOISTURE RESISTANT

Although a cavity wall is not designed as a wet environment, a cavity wall performs by taking the small amount of water penetrating the outer wythe, draining it down the cavity face of the outer wythe to a flashing which directs the water back to the exterior. LAMBDABOARD® has a less than 3% water absorption and is the perfect choice for this environment. Refer to moisture test SABS 1381-1.

EXCELLENT DIMENSIONAL STABILITY

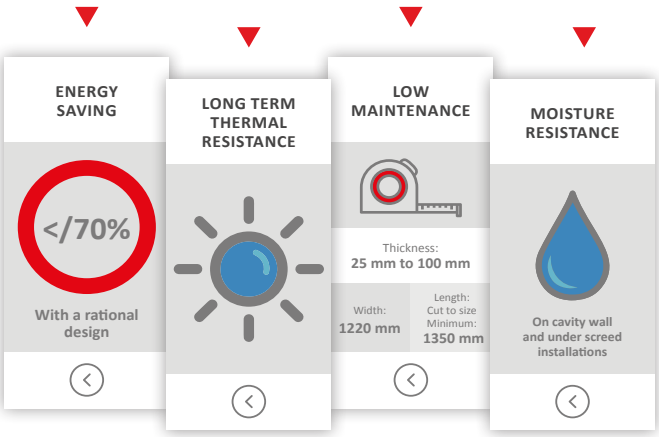
Temperature cycling and humidity encountered in cavity wall applications does not affect LAMBDABOARD® thermal performance.

BENEFITS

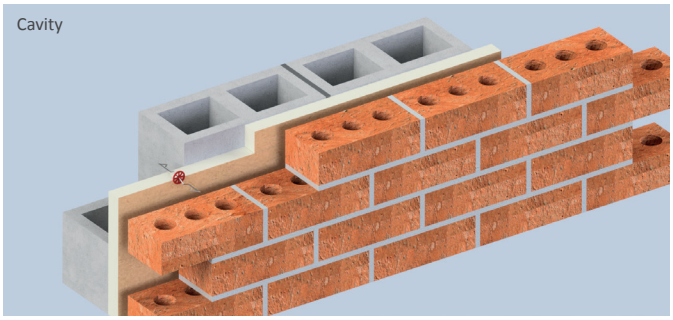
- Lightweight and easy to handle
- Easy to cut and shape and can be easily detailed at the job site for proper installation
- Environmentally 'green' choice for cavity wall applications
- Easy to install and detail on site, with hand held tools

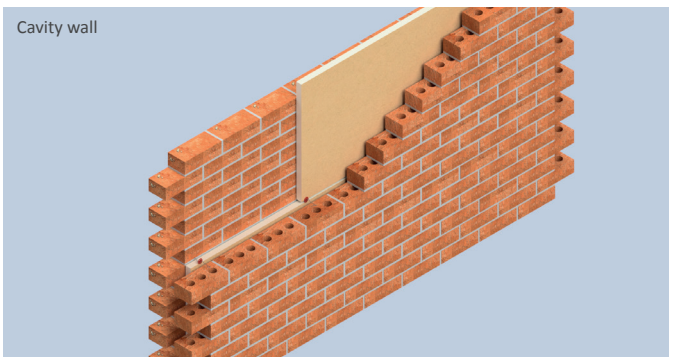
SPECIFICATION FOR BOQ

LAMBDABOARD® is a laminated polyisocyanurate core board with a minimum core density of 34kg/m³, a minimum thickness of _____ mm; widths of 1220 mm with a _____(Km²/W) R-Value. Finish shall be kraft paper laminated on both sides. To be fixed on the inner leaf of cavity wall using galvanized cavity ties.




Floor heating, cavity and perimeter


Cavity


Cavity wall

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